



FRANCIS XAVIER ENGINEERING COLLEGE

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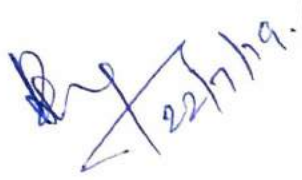

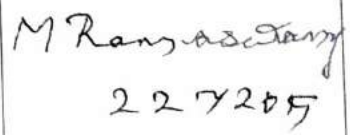

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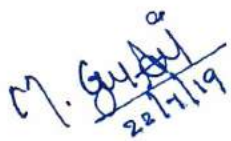
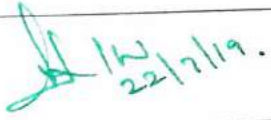
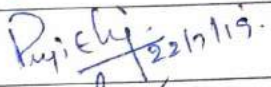
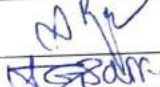

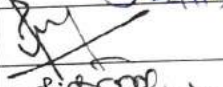
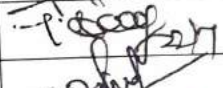
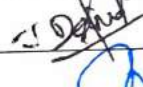

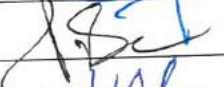


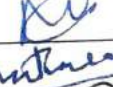
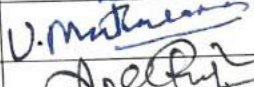

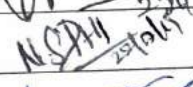


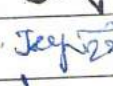
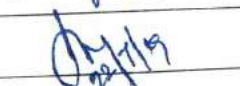

Department of Electrical & Electronics Engineering

MINUTES OF THE FIRST BOARD OF STUDIES MEETING IN ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT HELD ON 22nd JULY 2019 AT 10.00 A.M IN SEMINAR HALL.

The first board of studies meeting of Electrical and Electronics Engineering Department was convened under the Chairmanship of **Professor.Dr.P.Annapandi, HoD/EEE** of Francis Xavier Engineering College in seminar hall on 22nd July 2019 at 10.00 a.m

MEMBERS PRESENT

S.No	Name	External/Internal Member	Signature
1.	Dr.P.Annapandi, Professor & Head, Department of Electrical and Electronics Engineering, Francis Xavier Engineering College, Tirunelveli.	Internal	
2	Dr. P. Maruthupandi, Assistant Professor (Sr. Grade), Department of Electrical and Electronics Engineering, Government College of Technology, Coimbatore	External	
3	Dr. M. Ramaswamy, Professor , (Director, Centre for Renewable Energy), Department of Electrical and Electronics Engineering, Annamalai University, Chidambaram	External	
4	Dr. V. Agnes Idhaya Selvi, Associate Professor , Department of Electrical and Electronics Engineering, Kalasalingam Academy of Research and Education, Krishnankovil	External	

5	Mr. A. Kannan, Senior Manager, Electrical and Instrumentation Division , Seshasayee Paper and Boards Ltd., Tirunelveli	External	 22/7/19
6	Mr. M. Gengaraj, Assistant Professor, Department of Electrical and Electronics Engineering, National Engineering College, Kovilpatti.	External	 22/7/19
7	Dr.D.C.Joy Winnie Wise, Principal and Professor	Internal	 22/7/19.
8	Dr.Vedhapriya Vadhana Professor/Academics	Internal	 22/7/19.
9	Dr.A.Ravi, Prof/EEE	Internal	
10	Dr.A.Gnanasaravanan, Prof/EEE	Internal	 22/7/19
11	Dr.S.Murugan, Asso Prof/EEE	Internal	
12	Mr.J.Antony Robinson, AP/EEE	Internal	 22/7
13	Mr.J.Daniel Sathyaraj, AP/EEE	Internal	 22/7/19
14	Mr.V.Vignesh Arumugam, AP/EEE	Internal	
15	Mrs.R.Banumathy, AP/EEE	Internal	
16	Mr.N.V.Selvam, AP/EEE	Internal	
17	Mr.S.Selvakumar, AP/EEE	Internal	 22/7/19
18	Mr.A.Manikanda Natarajan, AP/EEE	Internal	
19	Mr.U.Muthuraman, AP/EEE	Internal	 U. Muthuraman
20	Mrs.R.Aandal, AP/EEE	Internal	 22/7/19.
21	Mrs.N.S.Pratheeba, AP/EEE	Internal	 N.S.P. 22/7/19
22	Mrs.A.Amala Manuela, AP/EEE	Internal	 22/7
23	Mrs. Shala F John, AP/English	Internal	
24	Mr. A. Santiago Stephen, Asso Prof/Maths	Internal	
25	Mrs. K Jeyapappa, AP/Physics	Internal	 K. Jeyapappa 22/7/19
26	Mr. Robinson, AP/Chemistry	Internal	 22/7/19

Minutes of Meeting

- At the onset, the Chairman Dr.P.Annapandi, HOD/EEE welcomed the members to the 1st meeting of BoS and placed the agenda for the deliberations of the members.
- The Chairman of the board introduced the external members of “Board of Studies” which includes a University Nominee, Expert members, an industry member and an alumni of the college. Chairman outlined the agenda for discussion in the meeting.
- The Internal members introduced themselves to the Board of Studies.

The following deliberations were made as per the items of agenda:

Agenda :

Item No.	Particulars
Item : 1.1	Curriculum and Syllabi of B.E Electrical and Electronics Engineering
Item : 1.2	Curriculum and Syllabi of M.E Power Systems Engineering
Item : 1.3	Curriculum and Syllabi of M.E Power Electronics and Drives

Agenda 1: To consider and approve the Curriculum and Syllabi for B.E Electrical and Electronics Engineering

Suggestions from External Board Members:

- Expert members advised to follow Gaussian curve as per AICTE norms for assigning credits to semester.
- The expert committee decided to have totally 160-165 credits for UG-B.E Electrical and Electronics Engineering.
- Environmental Science and Engineering subject must be included in the syllabus as a Mandatory Non-credit course as per AICTE norms.
- Internship must be included in the syllabus as a Mandatory Non-credit course as per AICTE norms.
- The committee decided to increase the credit for practical is to 2 from 1.
- The Engineering Graphics paper will be considered as practical subject with credit 3.
- The committee recommended to reduce the credit for Electric Circuit Analysis subject from 4 to 3.

- The committee recommended to combine Electric Circuits lab and Electronics lab as Analog Electronics lab.
- The committee recommended to combine Electronic devices and circuits and linear integrated circuits and applications subjects as Analog Electronic Circuits.
- The committee recommended to change the name of the subject DC machines and Transformers to Electrical machines-I and AC machines as Electrical Machines-II.
- The committee recommended to change the name of the subject Generation transmission and distribution to Power Systems.
- The committee recommended to include the subjects Solid State Drives and Power System Operation and Control from professional core into professional elective.
- The committee recommended to increase the number of professional electives from VIII to IX.
- The committee recommended to introduce the Mini project with credit 2 instead of Project Phase - I .

- The committee recommended to introduce Renewable Energy Systems lab in the semester VII.
- The following subjects are interchanged and included in semester as follows.

Subject Name	From Semester to Semester
Workshop	I to II
Physics for Electronics Engineering	II to I
Environmental Science and Engineering	Included in Semester IV
Power Plant Engineering	Introduced in Semester IV
Microprocessors and Microcontrollers	VI to V
Microprocessors and Microcontrollers lab	VI to V
Embedded Systems	V to VI
Power Electronics Lab	V to VI
Professional Ethics	IV to VII

Agenda 2: Curriculum and Syllabi of M.E Power Systems Engineering

- The committee advised to introduce some industry oriented subjects in PG Curriculum to make the students industry ready.
- The expert members decided to have totally 73 credits for M.E Power Systems Engineering.
- In PG PSE- Semester I syllabus optimization technique may be included as elective and in Semester II Restructured Power System can be renamed as Power System Restructuring and Deregulation, Power System Dynamics & Stability can be divided into two subjects namely Power System Dynamics and Power System Stability .
- In Second Semester Elective II & III High Voltage Direct Current Transmission can be considered as EHVAC & DC Transmission.
- In third semester Elective IV ,V and VI Electric Vehicles and Power Management will be modified into Electric and Hybrid vehicles and Advanced Power System dynamics into Power System Planning.
- In third semester Power Quality may be included as one of the elective.

Agenda 3: Curriculum and Syllabi of M.E Power Electronics and Drives

- The committee advised to introduce some industry oriented subjects in PG Curriculum to make the students industry ready.
- The expert members decided to have totally 73 credits for M.E Power Systems Engineering.
- In first semester , the Analysis and Design of Inverter is modified into Analysis and Design of Power Converters and Inverters ,the fundamentals of Power Semiconductor Devices into Advanced Power Semiconductor Devices.
- In third semester Elective IV ,V and VI Electric Vehicles and Power Management will be modified into Electric and Hybrid vehicles .
- In PG PED- Semester I syllabus optimization technique may be included as elective.

The meeting was concluded at 1.30P.M on 22.07.2019.The other higher semester papers along with curriculum will be discussed in detail and finalized in next BoS Meeting which will be proposed to conduct in the Month of December 2019.

P. Maruthupandi
22/7/19

Dr. P. Maruthupandi,

M. Ramaswamy
22/7/2019

Dr. M. Ramaswamy,

V. Agnes Idhaya Selvi
22/7/19

Dr. V. Agnes Idhaya Selvi,

A. Kannan

Mr. A. Kannan

M. Gengaraj
22/7/19

Mr.M.Gengaraj